




UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date October 29, 2019			EPA Reg No./File Symbol 52287- ---		Page 1 of 6
Applicant's/Registrant's Name & Address Harrell's LLC c/o Ag-Chem Consulting 12644 Chapel Rd Clifton VA 20124			Product P-FYT		
Ingredient Mono-and Di-potassium salt of Phosphorous Acid (PC Code 76416)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.1100	Acute Oral Toxicology		Harrell's LLC	Own	
870.1200	Acute Dermal Toxicology		Harrell's LLC	Own	
870.1300	Acute Inhalation toxicology		Harrell's LLC	Own	
870.2400	Primary Eye Irritation		Harrell's LLC	Own	
870.2500	Primary Dermal Irritation		Harrell's LLC	Own	
870.2600	Dermal Sensitization		Harrell's LLC	Own	
830.1550	Product Identity and Composition		Harrell's LLC	Own	
830.1600	Description of Starting Materials		Harrell's LLC	Own	
830.1650	Description of Production Process		Harrell's LLC	Own	
830.1650	Description of Formulation Process		Harrell's LLC	Own	
830.1670	Discussion of Formation of Impurities		Harrell's LLC	Own	
830.1750	Certified Limits		Harrell's LLC	Own	
830.1800	Enforcement Analytical Method		Harrell's LLC	Own	
830.1700	Preliminary Analysis		Harrell's LLC	Own	
Signature 			Name and Title Dr. Matthew Brooks-Regulatory Consultant		Date 10/29/2019




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Ingredient Mono-potassium salt of Phosphorous Acid (PC Code 76416)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830-6302	Color		Harrell's LLC	Own	
830-6303	Physical State		Harrell's LLC	Own	
830-6304	Odor		Harrell's LLC	Own	
830-6314	Oxidation/Reduction		Harrell's LLC	Own	
830-7050	UV/Vis Absorbance				1
830-6315	Flammability				2
830-6316	Explosibility				2
830-7950	Vapor Pressure		Harrell's LLC	Own	
830-6319	Miscibility				3
830-6321	Dielectric Breakdown Voltage				4
830-7000	pH		Harrell's LLC	Own	
830-7100	Viscosity		Harrell's LLC	Own	
830-7300	Density		Harrell's LLC		
830-7200	Melting Point				5
830-7840	Water Solubility				6
Signature 			Name and Title Dr. Matthew Brooks-Regulatory Consultant		Date 10/29/2019




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Ingredient Mono-and Di-potassium salt of Phosphorous Acid (PC Code 76416)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850.2100	Avian Acute Oral- Bobwhite Quail	43905812	U.I.M. Agrochemicals	Old	
850.2200	Avian Dietary-Bobwhite Quail	43905813	U.I.M. Agrochemicals	Old	
850.1075	Freshwater Fish LC50-Trout	43905814	U.I.M. Agrochemicals	Old	
850.1300	Freshwater Invertebrate LC50-Daphnia	43905816	U.I.M. Agrochemicals	Old	
850.3020	Honey Bee Contact	43905817	U.I.M. Agrochemicals	Old	
830-6313	Stability to Normal and Elevated Temperatures	43905801	U.I.M. Agrochemicals	Old	
850.4100	Seedling Emergence				Waiver Req.
850.4150	Vegetative Vigor				Waiver Req.
870.3100	90 Day Oral Toxicity (one specie)	46461227	Verdesian Life Sciences	PAY	
870.3250	90 Day Dermal Toxicity	46461227	Verdesian Life Sciences	PAY	
870.3465	90 Day Inhalation Toxicity	46461227	Verdesian Life Sciences	PAY	
870.3700	Prenatal Development	46645804	Verdesian Life Sciences	PAY	
870.5100	Bacterial Reverse Mutation Test	43905810	U.I.M. Agrochemicals	Old	
870.5300	In Vitro Mammalian Cell Assay	43905811	U.I.M. Agrochemicals	Old	
870.5375	In Vitro Mammalian Cell Assay	43905811	U.I.M. Agrochemicals	Old	
Signature 		Name and Title Dr. Matthew Brooks-Regulatory Consultant		Date 10/29/2019	

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[illegible]

Applicant's/Registrant's Name & Address
Harrell's LLC c/o Ag-Chem Consulting 12644 Chapel Rd Clifton VA 20124

Product
P-FYT

Ingredient Mono-and Di-potassium salt of Phosphorous Acid (PC Code 76416)

[illegible]

Signature

Name and Title
Dr. Matthew Brooks, Regulatory Consultant

Date
10/29/2019

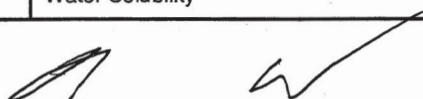


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Ingredient Mono-potassium salt of Phosphorous Acid (PC Code 76416) (TGA1)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830-6302	Color	48895102	Omex Agrifluids	PAY	
830-6303	Physical State	48895102	Omex Agrifluids	PAY	
830-6304	Odor	48895102	Omex Agrifluids	PAY	
830-6314	Oxidation/Reduction	48895102	Omex Agrifluids	PAY	
830-7050	UV/Vis Absorbance	48895102	Omex Agrifluids	PAY	
830-6315	Flammability	48895102	Omex Agrifluids	PAY	
830-6316	Explosibility	48895102	Omex Agrifluids	PAY	
830-7950	Vapor Pressure	48895102	Omex Agrifluids	PAY	
830-6319	Miscibility	48895102	Omex Agrifluids	PAY	
830-6321	Dielectric Breakdown Voltage	48895102	Omex Agrifluids	PAY	
830-7000	pH	48895102	Omex Agrifluids	PAY	
830-7100	Viscosity	48895102	Omex Agrifluids	PAY	
830-7300	Density	48895102	Omex Agrifluids	PAY	
830-7200	Melting Point	48895102	Omex Agrifluids	PAY	
830-7840	Water Solubility	48895102	Omex Agrifluids	PAY	
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Ingredient Mono-and Di-potassium salt of Phosphorous Acid (PC Code 76416) (TGA1)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.1100	Acute Oral Toxicology	43905804	U.I.M. Agrochemicals	Old	
870.1200	Acute Dermal Toxicology	43905805	U.I.M. Agrochemicals	Old	
870.1300	Acute Inhalation toxicology	43905806	U.I.M. Agrochemicals	Old	
870.2400	Primary Eye Irritation	43905807	U.I.M. Agrochemicals	Old	
870.2500	Primary Dermal Irritation	43905808	U.I.M. Agrochemicals	Old	
870.2600	Dermal Sensitization	43905811	U.I.M. Agrochemicals	Old	
870.5100	Reverse Mutation Assay	43905810	U.I.M. Agrochemicals	Old	
Signature 			Name and Title Dr. Matthew Brooks-Regulatory Consultant		Date 10/29/2019

Notes:

1- Not Applicable. Not required for an inorganic molecule

2- Product is not flammable and not combustible, it is an aqueous solution

3-Not Applicable. Product is not an emulsifiable liquid.

4-Not Applicable. Product is not for use around electrical equipment.

5-Not Applicable to an aqueous formulation

6- Not Applicable. Formulation is an aqueous liquid and as such is completely soluble in water.